



RE: Portland Harbor RI/FS Stormwater FSP for EPA/LWG Approval

TARNOW Karen E to: Kristine Koch, Carl Stivers, Amanda Shellenberger

02/08/2007 03:40 PM

Cc: Andy Koulermos, dawn, Dennis Hanzlick, LindaSC, ljones, Shawn Hinz, Simon Page

I'm not voting one way or the other at this point - just wanted to get answers to a few questions. Amanda, do you have the answers?

1. What was the situation with outfall 001? Is there some reason it would NOT be good to sample there? Their workplan indicates that diversion of 001 is not supposed to happen until the summer, so it seems like we could get the sampling done before they make that change.

2. If 003 is our best choice, another option might be to sample "upstream" of the pump. I think the existing treatment systems have been there a while, so it would be representative of recent discharges. Is that even possible?

3. If we go with the 003, will we be able to sample without disruption? When will they start the new treatment on 003? Is it expected to operate, without disruption, for the duration of our sampling season?

Karen

-----Original Message-----

From: Koch.Kristine@epamail.epa.gov
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Sent: Thursday, February 08, 2007 11:49 AM
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ljones@integral-corp.com; Shawn Hinz; Simon Page;
TARNOW Karen E
Subject: RE: Portland Harbor RI/FS Stormwater FSP for EPA/LWG Approval

Carl - I've been reviewing OSMs Stormwater Pilot Study. Between February 2007 and the end of the current wet season (June 2007), OSM will treat stormwater runoff that discharges Outfall 003, which is

Outfall WR-24. This discharge currently is treated by CO2 injection for pH adjustment and a Vortechs device which provides some solids removal and oil/water separation. However, they are adding a treatment system to mechanically pump the effluent from the Vortechs to an earthen basin where ferric chloride coagulant is added to remove contaminants in the stormwater discharge. They plan to redirect stormwater from outfall 001 (WR-23) to this system next year. Therefore, sampling outfall WR-24 will give you what they will be discharging in the future, but will not tell you about historical discharges which is fine for recontamination, but will not help in reduction of risk (you will only get future risk).

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Stormwater Technical Team -

Amanda Shellenberger discussed the OSM outfalls with OSM folks. Given that both outfalls have some form of treatment and WR-24 appears to have less treatment, we propose that WR-24 (the one originally designated by the management team) continue to be the one that is sampled at OSM. This is the location that is shown in the FSP that was just sent out. We are continuing with other new site recons. this week including confirmation of St. Johns bridge and Hwy 30 locations and working on finding a spot within OF-18 basin.

Also, FYI that GE is being some what reluctant and we hope to have go ahead from Schnitzer today to do the recon only. They have not yet agreed to give us access for the actual sampling.

Thanks.

Carl

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